

Figure 1

Table 1 – Formulations used for preparing films by extrusion

Form. no.	MD DE 40 (g)	MD DE1 1 (g)	GP (g)	SB (g)	SC (g)	PRX (g)	KP (g)	DS (g)	TR (g)	NF (g)	ZPD (g)	LRZ (g)	BRZ (g)	TRZ (g)	MR (g)	MTC (g)	MEN (g)	A-AC (g)	SLG (g)	ATL (g)	SAL (g)	SMT (g)	CZP (g)	SLG (g)	CTZ (g)	SBT (g)	
1	40		10																								
2	40		7	3																							
3	45		3.5	1.5																							
4	40		3	7																							
5	80		10	10	0.4																						
6	72		9	9		10																					
7		80	10	10																							
8		72	9	9			10																				
9		70	9	9				12																			
10			9	9					20																		
11	80		10	10						10																	
12		80	10	10	0.4						10																
13		80	10	10	0.4							0.5															
14		80	10	10	0.4								0.3	10													
15	80		10	10	0.4										20	10											
16		62	9	9																							
17	80		10	10	0.4																						
18		40	3	7													0.1										
15	75		9	11	0.2													5		20	25						
16		62	9	9																							
17	58		8	8																							
18		80	10	10	0.4																						
19		80	10	10	0.4																						
20		80	10	10	0.4																			10			
21		80	10	10	0.4																				10		
22		80	10	10	0.4																					10	
23		80	10	10	0.4																					10	10

*MTD: maltodextrin; DE: Dextrose equivalents; GP: propylene glycol; SB: sorbitol; SC colloidal silica; PRX: piroxicam; KP: ketoprofen DS: Sodium diclofenac; TR: Tramadol hydrochloride; MR: Morphine sulfate; NF: Nifedipine; LRZ: Lorazepam; TRZ: Triazolam; BRZ: Bromazepam; ZPD: Zolpidem; MTC: Methoclopramide; MEN: Menthol; A-As: Ascorbic Acid; SLG: Selegiline; ATL: Atenolol; SAL: Salbutamol; SMT: Sumatriptan; CZP: Clozapine; CTZ: Cetirizine

Figure 2

Table 2 –Formulations used for preparing the films

Form. n.	MD DE 40 (%)	MD DE 11 (%)	GP (%)	SB (%)	MT (%)	TC (%)	Water (%)	Ethanol (%)	SC (%)	GLI (%)	PRX (%)	PRC (%)	DS (%)	NF (%)	CLO (%)	EU (%)	CPT (%)	TIO (%)	DMS (%)	ATEC (%)	DB S (%)
1		25	15				10														
2		70	13		2		8														
3		31.2	5.8		18		13.5														
4		70		5	2.5		50	14			14										
5		46.5	10	7.4	0.4		28	7.9	0.1			4.8									
6		46.5	15	5	0.6		28	12	0.2			18									
7		34.4	11.2	3.7	0.5	8.4	19.4	9.7	0.2			13.4	18								
8		46.5	15	5	0.6		26	20	0.2												
9		46.5	15	5	0.6		26	12	0.2					3.6							
10		46.5	15	5	0.6		26	12	0.2						0.8						
11	50		30				20			10											
12		50	20				20			5											
13		50	20				20		0.2								18				
14		46.5	15	5	0.6		26	12	0.2									18			
15		46.5	15	5	0.6		26	12	0.2										0.5		
16		46.5	10	7.4	0.4		26	7.9	0.1			4.8									
17		46.5	15	5	0.6		26	12	0.2											10	
18		46.5		5	0.6		26	12	0.2												
19		46.5		7.4	0.4		26	7.9	0.1			4.8									8

*MTD: maltodextrin; DE: Dextrose equivalents; GP: propylene glycol; SB: sorbitol; MT: maltitol; TC: Talc PRX: piroxam; KP: ketoprofen DS: Sodium diclofenac; MR: Morphine sulfate; NF: Nifedipine; CLO: Clonazepam; BRZ: Bromazepam; ZPD: Zolpidem; PRC: Paracetamol; EU: Eucalyptus; SC: sodium citrate; CPT: captopril; TIO: thiodolchicoside; DMS:dexamethasone; ATEC: Acetylthiethyl citrate;DBS: dibutyl sebacate.

Figure 3

